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September 17, 2002

VIA FEDERAL EXPRESS

Examiner Prema M. Mertz
Art Unit 1646
1911 South Clark Place
Crystal Mall I, 7th floor
Arlington, VA 22202

Re: United States Patent Application No.:09/361,655
Entitled: METHODS OF DETECTING LIVER CELLS EXPRESSING
GROWTH DIFFERENTIATION FACTOR-12
Filed: July 27, 1999
Inventor(s): Lee and Esquela
Our Docket No.: JHU1220-4

Dear Examiner Mertz:

Enclosed please find substitute electronic and paper copies of Sequence Listing in respect with the above-identified Patent Application as per your request of September 16, 2002.

If you have any questions or if we can provide any further information, please do not hesitate to contact us.

Very truly yours,

Gray Cary Ware & Freidenrich LLP

By: 

Lisa A. Haile, J.D., Ph.D.
lhaile@graycary.com

Admitted to practice in California

LAH/myb

Enclosure

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Gray Cary\GT\6312443.1
104659-157948

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lee and Esquela Art Unit: 1646
Application No.: 09/361,655 Examiner: Mertz, Prema Maria
Filed: July 27, 1999
Title: METHODS OF DETECTING LIVER CELLS EXPRESSING
GROWTH DIFFERENTIATION FACTOR-12

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Commissioner for Patents
Washington, D.C. 20231

STATEMENT UNDER 37 C.F.R. §§ 1.821(f) and (g);
37 C.F.R. §§ 1.825(a) and (b)

Sir:

I hereby state, as required by 37 C.F.R. §§ 1.821(f) and (g), that the information recorded in computer readable form is identical to the written sequence listing and does not include new matter.

I hereby state that the amendments, made in accordance with 37 C.F.R. § 1.825(a), included in the substitute sheets of the Sequence Listing are supported in the application as filed. I hereby state that the substitute sheets of the Sequence Listing do not include new matter.

CERTIFICATE OF SUBMISSION BY FEDERAL EXPRESS

I hereby certify that this paper is being submitted to:
Examiner, Mertz, Prema M. - Group Art Unit 1646 at the
Patent and Trademark Office on the date shown below:

Mikhail BAYLEY

(Name of person transmitting paper)

Mikhail Bayley

(Signature)

09/17/2002

(Date)

In re Application of:
Lee and Esquela
Application No.: 09/361,655
Filed: July 27, 1999
Page 2

PATENT
ATTY. DOCKET NO.: JHU1220-4

I hereby state that the substitute copy of the computer readable form, submitted in accordance with 37 C.F.R. § 1.825 (b), is the same as the amended Sequence Listing.

Respectfully submitted,

Date: September 17, 2002



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San Diego, CA 92121-2133

Customer Number: 28213

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Lee and Esquela Art Unit: 1646
Application No.: 09/361,655 Examiner: Mertz, Prema Maria
Filed: July 27, 1999
Title: METHODS OF DETECTING LIVER CELLS EXPRESSING
GROWTH DIFFERENTIATION FACTOR-12

Commissioner for Patents
Washington, D.C. 20231


VERIFIED STATEMENT UNDER 37 C.F.R. § 1.821(f)

Sir:

I, Mikhail Bayley, declare that I personally prepared the paper and the computer-readable copies of the Sequence Listing filed herewith in the above-entitled case and that the content of both is the same.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of The United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: September 16, 2002


Mikhail Bayley

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San Diego, CA 92121-2133

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Mikhail Bayley 09/17/2002
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